

Regents Physics  
Ms. Teresa Parker  
Edison Technology Campus  
[Teresa.Parker@rcsdk12.org](mailto:Teresa.Parker@rcsdk12.org)

### **Course Description:**

Regents Physics is a course available to complete a Regents diploma. Students should have passed all prerequisite courses; Regents biology, Regents earth science, algebra 1 and 2R. Students will complete 1,200 minutes of laboratory investigations in Regents Physics. As the student completes an investigation, he/she will collect data, record their data on a graph or chart and summarize the results in a written laboratory report. These laboratory reports must be submitted to the teacher as requirement to take the final examination. Students must also complete any long-term projects and/or assignments as determined by their teacher. If the laboratory requirement is not met, the student may not take the final written examination. Most physics concepts and principles will be presented in a qualitative manner. The course is divided into topics in *Waves and Modern Physics*, *Electricity and Magnetism*, *Mechanics* and *Energy*. Students will be equally responsible to work independently and in cooperative learning settings. Students will communicate in oral and written forms to demonstrate their understanding of the course areas of study. **A midterm exam will be given to all students to demonstrate their attainment of knowledge and mastery of skills.**

### **Student Requirements**

**ALL** students are expected to put forth their best effort in order to succeed in this course. Your positive efforts will lead to your successful outcome. **I'll see you when you get there!!!**

- Attend classroom lectures and discussions regularly,
- Keep notebook of information from class lectures and discussions,
- Complete homework and reading assignments as assigned by the teacher,
- Complete an equivalent of thirty laboratory periods with satisfactory ratings,
- Use thinking and decision making skills as they apply to the study of physics,
- Develop inquiry attitudes and habits of mind to support physics investigations,
- Work in groups and cooperative learning settings,
- Communicate in oral and written forms to demonstrate understanding of the course areas of study, and
- Be involved in special projects and investigations throughout the school year.

### **Materials needed:**

Each student must have a binder or notebook for science only. The student will be responsible to keep it neat and organized. Two folders will be helpful for loose handouts/assignments and labs.

### **Grading:**

The science grade you **earned** is based on all work **completed** both in and out of class as follows:

<b>Test, Projects</b>	<b>40%</b>
<b>Classwork, Lab work &amp; Reports</b>	<b>40%</b>
<b>Homework/Participation</b>	<b>10%</b>
<b>Quizzes</b>	<b>10%</b>

### **Extra Help:**

Students may schedule 24 hours in advance to stay after school to get extra help with homework/classwork or to make up assignments due to absences.

**Assignments handed in late will not receive full credit.** Assignments must be handed in **during class time** the day it is due for full credit.

It is the student's responsibility to arrange for extra help at least 24 hours in advance so that every effort may be made to assist them.

**Parental Involvement::**

It is my hope that we can be partners in the mutual effort of assisting your child in the successful completion of this course. I encourage you to check your child's notebook for homework assignments and upcoming tests. Support your child in dedicating at least 60 minutes/week of studying. Support your child's effort in seeking extra help as needed.

*Student (signature)* \_\_\_\_\_

*Parent(s) Signature* \_\_\_\_\_

*Email/Facebook/Twitter* \_\_\_\_\_

*Home phone* \_\_\_\_\_

*Cell Phone* \_\_\_\_\_